

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20030049444").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/17 09:42
S1	1	("20040125733").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:28
S2	41	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same (electrophor\$9 or dielectrophor\$9 or \$6electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$6electro adj phoresis)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:46
S3	6	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same (EPD or DEPD or electrophor\$9 or dielectrophor\$9 or \$6electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$6electro adj phoresis)) same (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:34

## EAST Search History

S4	5	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (assembl\$7 or selfassemb\$7 or attach\$5 or bond\$5) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6) same (current or voltage or electric\$7 or field) same (suspension or solvent or solution))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:42
S5	21	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (assembl\$7 or selfassemb\$7 or attach\$5 or bond\$5) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6) same (current or voltage or electric\$7 or field))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 11:53
S6	16	S5 not S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 11:52

## EAST Search History

S7	162	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6) same (current or voltage or electric\$7 or field))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 11:53
S8	13	(Su.in. or Huang.in. or Lee.in. or Chang.in. or Lin.in. or (Industrial near2 Technol\$9 near2 Research\$5 near2 Institut\$5).as.) and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6) same (current or voltage or electric\$7 or field) same (suspension or solvent or solution))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 11:54
S9	8	S8 not S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 11:56
S10	1	("20030102222").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:58
S11	1	("20050133372").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S12	98	(427/462).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S13	124	(427/601).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59

## EAST Search History

S14	555	(427/77).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S15	1527	(427/180;206).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S16	2031	(427/259,282).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S17	2162	(427/430.1,443.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 11:59
S18	19	(427/903).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:16
S19	20	(977/876).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:16
S20	21	(977/892).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:18
S21	959	(423/447.1,447.2,445B).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:00
S22	529	(204/471,489,497,508,547).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:01
S23	7837	S10 S11 S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22	US-PGPUB; USPAT	OR	ON	2006/04/14 12:01
S24	1	("20030179684").PN.	US-PGPUB; USPAT	OR	OFF	2006/04/14 12:01
S25	1	S12 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:04
S26	2	S13 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:05

## EAST Search History

S27	24	S14 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:08
S28	43	S15 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:10
S29	17	S16 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:12
S30	13	S17 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:18
S31	6	S22 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:21
S32	1	S22 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:21

## EAST Search History

S33	390	S21 and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:23
S34	3	"6911767":pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:22
S35	262	("204"/\$).ccls. and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)))	US-PGPUB; USPAT	OR	ON	2006/04/14 12:24
S36	256	S35 not S31	US-PGPUB; USPAT	OR	ON	2006/04/14 12:25
S37	52	S21 and (EPD or DEPD or electrophor\$9 or dielectrophor\$9 or \$6electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$6electro adj phoresis))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 12:35
S38	39	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same (EPD or DEPD or electrophor\$9 or dielectrophor\$9 or \$6electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$6electro adj phoresis)) same (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:30

## EAST Search History

S39	305	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same (EPD or DEPD or electrophor\$9 or dielectrophor\$9 or \$6electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$6electro adj phoresis)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:55
S40	266	S39 not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:31
S41	231	S40 not S2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:31
S42	31	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (assembl\$7 or selfassemb\$7 or attach\$5 or bond\$5) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) same (current or voltage or electric\$7 or field) same (suspension or solvent or solution or bath or dispersion or slurry))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:46
S43	19	S42 not (S38 or S39)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:44

## EAST Search History

S44	179	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) same (current or voltage or electric\$7 or field) same (suspension or solvent or solution or bath or dispersion or slurry))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:46
S45	133	S44 not (S38 or S39 or S42)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 13:46
S46	0	kansai.as. and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) )	US-PGPUB; USPAT	OR	ON	2006/04/14 15:47
S47	17	kansai.as. and ((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:47

## EAST Search History

S48	4	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same (EPD or DEPD or electrophor\$9 or dielectrophor\$9 or \$electrophoresis or (electro adj phor\$9) or (dielectro adj phor\$9) or (\$electro adj phoresis)) ) and ((mask\$5 or photoresist\$5) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 15:58
S49	63	((CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10)) same ((mask\$5 or photoresist\$5) with (Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:08
S50	603	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) same ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and ((mask\$5 or photoresist) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and ((anisotropic\$6 near2 etch\$4) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:31

## EAST Search History

S51	0	S50 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:11
S52	46	S50 and ((AFM or microscop\$8 or STM or SFM or cantilever or probe or microprobe or nanoprobe) near4 (Spindt or tip or microtip or nanotip or sharp or point\$5 or pyramid\$6 or apex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:14
S53	33	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) same ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4") same array) and ((mask\$5 or photoresist) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and ((anisotropic\$6 near2 etch\$4) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:24
S54	115	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4") with array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:25

## EAST Search History

S55	511	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) same ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and ((mask\$5 or photoresist) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) with etch\$5) and ((anisotropic\$6 near2 etch\$4) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:34
S56	106	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) near4 ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and ((mask\$5 or photoresist) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) with etch\$5) and ((anisotropic\$6 near2 etch\$4) with ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:38
S57	137	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) near4 ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) and (CNT or MWCNT or SWCNT or SWNT or MWNT or DWNT or DWCNT or nanotube or nanofiber or nanofibre or nanofilament or (nano adj (tube or fiber or fibre or filament)) or buckytube or (fullerene adj tube) or ((carbon or graphite) adj nano\$10))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/14 16:49

## EAST Search History

S58	94	((Spindt or tip or microtip or nanotip or sharp or point\$5 or probe or microprobe or nanoprobe or cantilever or pyramid\$6 or apex) near4 ((silicon adj nitride) or SiN or Si3N4 or SiN4 or "Si.sub.3N.sub.4" or "Si.sub.3 N.sub.4" or "SiN.sub.4")) same (anisotropic\$6 near2 etch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 09:41
-----	----	---	---	----	----	------------------